

Practical 13

Aim: To solve queries using the concept of View.

- (1) Write a query to create a view for those employees belongs to the location New York.
- (2) Write a query to create a view for all employee with columns emp_id, emp_name, and job_id.
- (3) Write a query to find the salesmen of the location New York who having salary more than 3000.
- (4) Write a query to create a view to getting a count of how many employees we have at each department.

i)

Query:

```
create view v1 as select * from employee where LOCATION='new york';
select from *v1
```

Output:

User: 22DCE006

Home > SQL > SQL Commands

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```
create view v1 as select * from employee where LOCATION='new york';
select from *v1
```

Results Explain Describe Saved SQL History

EMP_NO	EMP_NAME	EMP_SAL	EMP_COMM	DEPT_NO	L_NAME	DEPT_NAME	JOB_ID	LOCATION	MANAGER_ID	HIREDATE	PHONE	INCRE
107	anamika	2975	-	30	jha	artificial intelligence	it_prog	new york	-	15-JUL-97	-	3421

1 rows returned in 0.00 seconds [CSV Export](#)

ii)

Query:

```
create view v2 as select emp_no,emp_name,job_id from employee
select from *v2
```

Output:

User: 22DCE006

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```
create view v2 as select emp_no,emp_name,job_id from employee
select from *v2|
```

Results Explain Describe Saved SQL History

EMP_NO	EMP_NAME	JOB_ID
101	smith	fi_mgr
102	snehal	lec
103	David	mk_mgr
104	aman	comp_op
105	anita	comp_op
106	sneha	fi_acc
107	anamika	it_prog

7 rows returned in 0.00 seconds

[CSV Export](#)

iii)

Query:

```
create view v3 as select emp_name from employee where location='new york'
and emp_sal>3000;
```

```
select from *v3;
```

Output:

User: 22DCE006

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```
create view v3 as select emp_name from employee where location='new york' and emp_sal>3000;
select from *v3;|
```

Results Explain Describe Saved SQL History

no data found

iv)

Query:

create view v4 as select dept_name,count(dept_name) as count from employee group by dept_name;

select from *v4;

Output:

User: 22DCE006

Home > SQL > **SQL Commands**

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```
create view v4 as select dept_name,count(dept_name) as count from employee group by dept_name;
select from *v4;
```

Results Explain Describe Saved SQL History

DEPT_NAME	COUNT(DEPT_NAME)
big data analytics	2
artificial intelligence	1
machine learning	2
virtual reality	1
data science	1

5 rows returned in 0.00 seconds [CSV Export](#)

Conclusion: By performing this practical, I got to learn about the concepts of view in SQL. Also, got to understand about its use and how to create it.

Staff Signature:

Grade:

Remarks by the Staff: